



CITY OF PORTLAND ENVIRONMENTAL SERVICES



Water Pollution Control Laboratory

6543 N. Burlington Avenue, Bldg 217, Portland, Oregon 97203 ■ Dan Saltzman, Commissioner ■ Dean Marriott, Director

August 29, 2012

Chris Alexander
Schnitzer Steel Industries, Inc.
12005 N Burgard Road
PO Box 10047
Portland, OR 97269-0047

COPY

RE: NPDES 1200-Z Industrial Stormwater Discharge Permit Renewal

Common Name: Schnitzer Steel - Portland

File Number: 108103

SIC Codes: 5093

Dear Mr. Alexander:

DEQ has assigned your site coverage under the revised 1200-Z permit. The revised permit is effective July 1, 2012 through June 30, 2017. Due to the size of the permit, this correspondence contains the first two pages of the permit. The rest of the permit can be downloaded from <http://www.deq.state.or.us/wq/wqpermit/docs/general/npdes1200z/Final1200Zpermit.pdf> If you need a hard copy of the permit, please contact your Permit Manager as noted below. **Please review the permit carefully. Some of the major changes to the permit are listed below.**

You are required to meet monitoring and corrective action requirements depending on the year of permit coverage (1st, 2nd, 3rd, and 4th). The table below provides the date ranges for meeting these requirements.

1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year
July 1, 2012 to June 30, 2013	July 1, 2013 to June 30, 2014	July 1, 2014 to June 30, 2015	July 1, 2015 to June 30, 2016	July 1, 2016 to June 30, 2017

Response to Benchmark Exceedances:

There are tiered corrective action responses for benchmark exceedances. (Please see pages 17 and 18 of permit). The Tier II corrective action requirements are triggered in the 2nd year you are operating under the new permit. **Please use the benchmark monitoring data collected from your site during the July 2013 to June 2014 monitoring year to calculate the 2nd year geometric mean.**

Monitoring:

You must monitor for the pollutant parameters in the table below. There are new pollutant parameters to monitor such as impairment pollutants, additional pollutants, and sector specific benchmarks and numeric effluent limits for certain industrial sectors (please see pages 19 and 21 of permit). You are not required to begin monitoring for these parameters until the 1st year monitoring year (July 1, 2012 to June 30, 2013). If a parameter is listed more than once in the table below, you must sample according to the highest frequency and the laboratory results must meet the lowest concentration.

Monitoring Requirement	Parameter	Concentration	Sampling Frequency*
Benchmark	pH	5.5 – 9.0 S.U.	4 X per yr. ea. yr.
Benchmark	Total Copper	0.020 mg/L	4 X per yr. ea. yr.
Benchmark	Total Lead	0.040 mg/L	4 X per yr. ea. yr.
Benchmark	Total Zinc	0.12 mg/L	4 X per yr. ea. yr.
Benchmark	Oil & Grease	10 mg/L	4 X per yr. ea. yr.
Benchmark	TSS	100 mg/L	4 X per yr. ea. yr.
Additional Pollutant	Total Cadmium	**	8 X over 1 st 3 yrs.
Additional Pollutant	Total Nickel	**	8 X over 1 st 3 yrs.
Additional Pollutant	Total Chromium	**	8 X over 1 st 3 yrs.
Impairment Pollutant	Aldrin	0.003 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	DDT	0.0011 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	DDT Metabolite (DDE)	0.00001 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	Dieldrin	0.0025 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	Iron	1.0 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	Total PCB (based on the sum of the following Aroclors: 1016, 1221, 1232, 1242, 1248, 1254 and 1260)	0.002 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	Pentachlorophenol	0.02 mg/L	2 X per yr. ea. yr.
Impairment Pollutant	Polynuclear Aromatic Hydrocarbons	(See Footnote 1)	2 X per yr. ea. yr.
Additional Pollutant	Total Mercury	0.0024 mg/L	4 X over 1 st 3 yrs.
Additional Pollutant	Total PCB (based on the sum of the following Aroclors: 1016, 1221, 1232, 1242, 1248, 1254 and 1260)	0.002 mg/L	4 X over 1 st 3 yrs.
Sector Specific Benchmark	Total Iron	1.0 mg/L	4 X per yr. ea. yr.
Sector Specific Benchmark	COD	120 mg/L	4 X per yr. ea. yr.
Sector Specific Benchmark	Total Aluminum	0.75 mg/L	4 X per yr. ea. yr.

* The permit contains additional requirements on the frequency and timing of sample collection, see pages 20-21.

** The laboratory must use federally approved analytical method 200.8 for NPDES reporting.

Footnote 1: Polynuclear Aromatic

Hydrocarbons:

	Concentration
Acenaphthene	0.095 mg/L
Anthracene	2.9 mg/L
Benz(a)anthracene	0.001 mg/L
Benzo(a)pyrene	0.001 mg/L
Benzo(b)fluoranthene 3,4	0.001 mg/L
Benzo(k)fluoranthene	0.001 mg/L
Chrysene	0.001 mg/L
Dibenz(a,h)anthracene	0.001 mg/L
Fluoranthene	0.014 mg/L
Fluorene	0.39 mg/L
Indeno(1,2,3-cd)pyrene	0.001 mg/L
Pyrene	0.29 mg/L

If you provided sampling information in your SWPCP that is different than the information in this table, you will need to modify the SWPCP to conform to the table. You do *not* need to send the modified plan to DEQ or the City.

The City of Portland has entered into an Intergovernmental Agreement with the DEQ to administrate permits for those facilities located within the City. Please check the City website <http://www.portlandonline.com/bes/index.cfm?c=31844&> for general information, technical assistance on best management practices, and forms. If you have any questions about this permit, please contact your BES stormwater permit manager:

Tim Dean
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Portland, OR 97203
503-823-5537
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Sincerely,



Michael J. Pronold
Environmental Manager

Enclosure: Permit pages 1 & 2

cc: File